

Work Order ID 114033

Monday, March 03, 2014 11:02:58 AM

Item ID: D3447-9

Revision ID:

Item Name: Swing Arm

Start Date: 3/3/2014 Start Qty: 18.00 *18*

Required Date: 3/14/2014 Req'd Qty: 18.00 *18*

Reference:

D 3 4 4 7 - 9
B 1 1 4 0 3 3Approvals: Process Plan: MF Date: 14-3-3
QC: _____ Date: _____

Accept

114033

N900040100

Setup

Start *NS1*

Stop

NS2

Cust Item ID:

Customer:

Run

Start *NR1*

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr	
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D3447	Rev A	
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100		0.00							
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100	BAND SAW	0.00							
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Bandsaw	Memo	0.00							
---------	------	------	--	--	--	--	--	--	--

Jespa Bandsaw	Cut blanks: 1.500" x 1.500" x 8.400" long	0.00							
---------------	---	------	--	--	--	--	--	--	--

110		0.00							
-----	--	------	--	--	--	--	--	--	--

110	HAAS CNC VERTICAL MACHINING #1	0.00							
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HAAS 1	Memo	0.00							
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HAAS CNC vertical machine #1	Machine as per Folio FA544 and Dwg B67-43001 Identify as D3447-9Dwg	0.00							
------------------------------	---	------	--	--	--	--	--	--	--

Rev <u>A</u>	Folio Rev <u>A</u> Deburr	0.00							
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120	QC2- Inspect parts off machine FAI/FAIB	0.00							
-----	---	------	--	--	--	--	--	--	--

QC	Memo	0.00							
----	------	------	--	--	--	--	--	--	--

Quality Control		0.00							
-----------------	--	------	--	--	--	--	--	--	--

114033

bph

Page 1

DQA: _____

Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design										
Doc/Data										
Equip/Tooling										
Handling/Pre										
Material										
Operator										
Offset/Setup										
Process										
Supplier										
Training										
Transport										
Unapproved										
FAULT CATEGORY										
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function						
				<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence						
				<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge						
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled						
				<input type="checkbox"/> Other						

Work Order ID 114033

Monday, March 03, 2014 11:02:58 AM

114033

Page 2

Item ID: D3447-9

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Swing Arm

Stop

NS2Start Date: 3/3/2014 Start Qty: 18.00 ***18***

Cust Item ID:

Required Date: 3/14/2014 Req'd Qty: 18.00 ***18***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____
QC: _____ Date: _____Tooling: _____ Date: _____
SPC (Y/N): _____ Date: _____Run Start ***NR1***
Stop ***NR2***Sequence ID/
Work Center IDOperation
Description

130

QC8- Inspect parts - second check

130

QC

Quality Control

Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
0.00	14-3-11			18	0		
0.00							

140

Chemical Conversion Coat per QSI005 4.1

140

HandFinish

Hand Finishing

Memo

0.00	18	143-12
0.00		

150

Green Sandtex(Ref:4.3.5.8) per QSI005 4.3

150

Powdercoat

Powder Coating

Memo

Mask inside holes as per Dwg D3447 prior to painting START

TIME: 3:00 OVEN TEMPERATURE: 350FINISH TIME: 3:00

0.00	18	143-20.	048
0.00			34

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>		
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>		
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center; font-weight: bold;">General</td></tr> <tr> <td style="width: 25%;"><input type="checkbox"/></td><td style="width: 25%;"><input type="checkbox"/> Bending</td><td style="width: 25%;"><input type="checkbox"/> Folio/Program</td><td style="width: 25%;"><input type="checkbox"/> Outside Dimensions</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Centre Not Concentric</td><td><input type="checkbox"/> Grain</td><td><input type="checkbox"/> Over/Under tolerance</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Cracks</td><td><input type="checkbox"/> Hardware</td><td><input type="checkbox"/> Part Incorrect</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Crimp/Kink/Ripple/Wave</td><td><input type="checkbox"/> Inspection Incomplete/Unqualified</td><td><input type="checkbox"/> Part Lost/Missing</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Cuffs</td><td><input type="checkbox"/> Instructions Incomplete/Unclear</td><td><input type="checkbox"/> Part Moved</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Crushing</td><td><input type="checkbox"/> Misaligned/off center</td><td><input type="checkbox"/> Positioned Wrong</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Heat Treat</td><td><input type="checkbox"/> Mislabeled</td><td><input type="checkbox"/> Power Loss/Surge</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Inspection Strip in Tube</td><td><input type="checkbox"/> Misread</td><td><input type="checkbox"/> Other</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Marks/Chatter</td><td><input type="checkbox"/> Off-set</td><td></td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Turning Sequence</td><td><input type="checkbox"/> Out of Calibration</td><td></td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Wave/Twist in Tube</td><td><input type="checkbox"/> Out of Sequence</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td></tr> </table>	General				<input type="checkbox"/>	<input type="checkbox"/> Bending	<input type="checkbox"/> Folio/Program	<input type="checkbox"/> Outside Dimensions	<input type="checkbox"/>	<input type="checkbox"/> Centre Not Concentric	<input type="checkbox"/> Grain	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/>	<input type="checkbox"/> Cracks	<input type="checkbox"/> Hardware	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/>	<input type="checkbox"/> Crimp/Kink/Ripple/Wave	<input type="checkbox"/> Inspection Incomplete/Unqualified	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/>	<input type="checkbox"/> Cuffs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Moved	<input type="checkbox"/>	<input type="checkbox"/> Crushing	<input type="checkbox"/> Misaligned/off center	<input type="checkbox"/> Positioned Wrong	<input type="checkbox"/>	<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/>	<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Misread	<input type="checkbox"/> Other	<input type="checkbox"/>	<input type="checkbox"/> Marks/Chatter	<input type="checkbox"/> Off-set		<input type="checkbox"/>	<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Out of Calibration		<input type="checkbox"/>	<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Out of Sequence									
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<input type="checkbox"/>	<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Out of Calibration																																																							
<input type="checkbox"/>	<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Out of Sequence																																																							

Work Order ID 114033

Monday, March 03, 2014 11:02:58 AM

114033

Page 3

Item ID: D3447-9

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Swing Arm

Stop

NS2Start Date: 3/3/2014 Start Qty: 18.00 ***18***

Cust Item ID:

Required Date: 3/14/2014 Req'd Qty: 18.00 ***18***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____
QC: _____ Date: _____Tooling: _____ Date: _____
SPC (Y/N): _____ Date: _____Run Start ***NR1***
Stop ***NR2***Sequence ID/
Work Center IDOperation
Description

160

QC3- Inspect Part Finish

160

QC

Quality Control

Set Up/
Run Hours **DAS 27 9-89**
0.00 13 3 21
Tool ID Tool # Plan
Code Accept Qty Reject Qty
Reject Number Insp. Stamp

170

Identify as per dwg & Stock Location: Mezz. 2 0.00***170***

Packaging

Packaging

Memo

18x **DAS 28 9-89** 14-03-21

180

QC21- Final Inspection - Work Order Release

0.00

180

QC

Quality Control

Memo

0.00

MLJ 11-03-24

MLJ 14-03-24

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

<p>Work Order: _____</p> <p>Part No. _____</p> <p>NCR No. _____</p>	DISPOSITION <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved	AGAINST DEPARTMENT/PROCESS <input type="checkbox"/> Skid-tube <input type="checkbox"/> Crosstube <input type="checkbox"/> Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Thermoforming <input type="checkbox"/> Finishing <input type="checkbox"/> Large Fab <input type="checkbox"/> Composite						<input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier		<input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other			
Root Cause	Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector		
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport Unapproved													
FAULT CATEGORY													
Landing Gear Bending Centre Not Concentric Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing Heat Treat Inspection Strip in Tube Marks/Chatter Turning Sequence Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function			<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence			<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge			<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other			

Picklist Print

Monday, March 03, 2014 11:02:56 AM

Page 1

Work Order ID: 114033

114033

Parent Item: D3447-9

D3447-9

Parent Item Name: Swing Arm

Start Date: 3/3/2014

Required Date: 3/14/2014

Start Qty: 18.00

Required Qty: 18.00

Comments: IPP A05.08.26 New issue KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M7075T6B1.500X1.500 7075 T6 BAR 1.500 x 1.500		Purchased		No		100	f	31.7000	0.7	14	**	B.e	14/03/09

M7075T6R1 500X1 500

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
MAT008	31.7	
123610	0.5	
→ M127992	31.2	12.700 ft

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

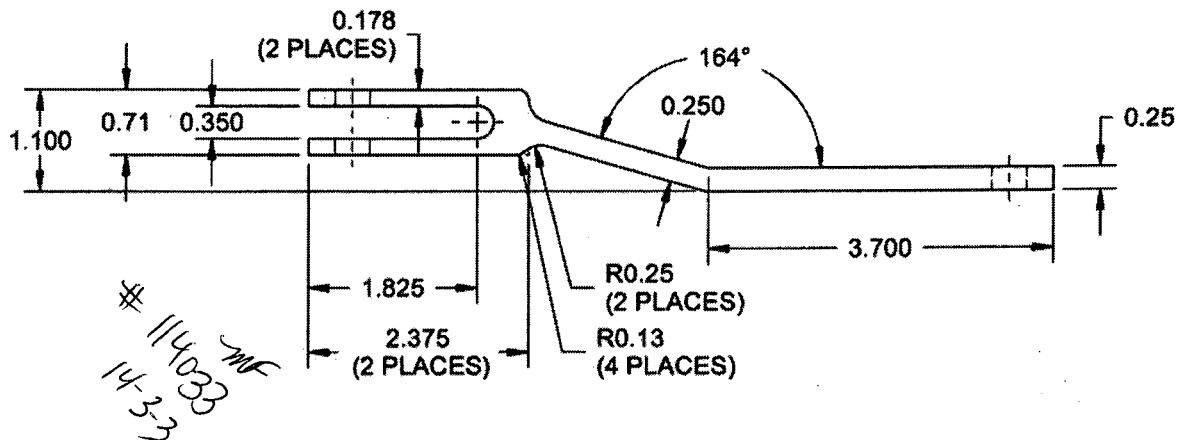
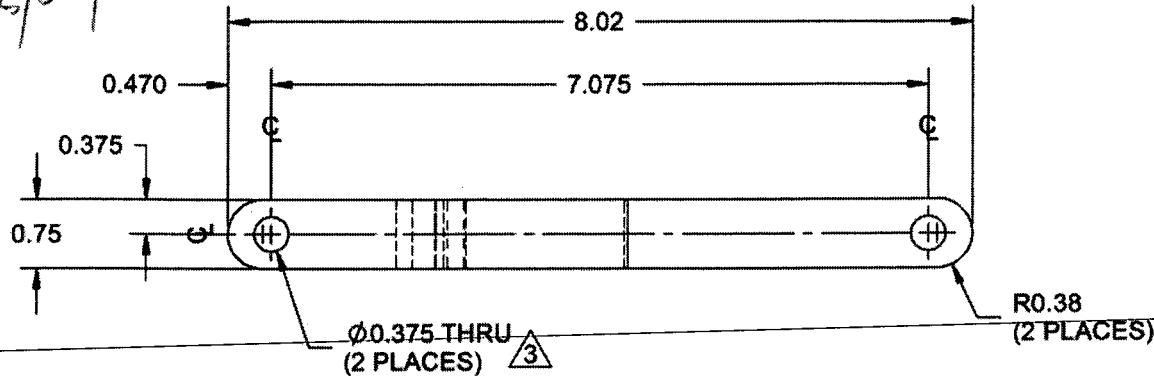
Work Order update only

Work Order: _____	DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									
FAULT CATEGORY									
Landing Gear				General					
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function					
				<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence					
				<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge					
				<input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled					
				<input type="checkbox"/> Other					

DART

DESIGN <i>JB</i>	DRAWN BY <i>JB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>RF</i>	APPROVED <i>LLB</i>	DRAWING NO. D3447	REV. A SHEET 4 OF 4
DATE 05.07.19		TITLE BLADE FOLD KIT PARTS	SCALE 1:2

RELEASED
RF
05/08/18



D3447-9 SWING ARM
SUPERSEDES PREMIER P/N B67-43001-263

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T652) ROUND BAR PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR PER AMS-QQ-A-200/8 (OR AMS 4160) (REF. DART SPEC. M6061T6B)
- 2) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) COVER INSIDE HOLES PRIOR PAINTING
- 4) FINISH: POWDER COAT PAINT GREEN SANTEX (4.3.5.8) PER DART QSI 005 4.3
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES
- 7) BREAK ALL SHARP EDGES 0.005 TO 0.010

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DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____
 Part No. _____
 NCR No. _____

DISPOSITION

- Rework
- Scrap
- Use-as-is
- Suspected Unapproved

AGAINST DEPARTMENT/PROCESS

Skid-tube	Crosstube	Water Jet	Engineering
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Machining	Small Fab	Prod. Eng. Coor.	Quality
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thermoforming	Finishing	Rec/Store/Packaging	Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Large Fab	Composite	Supplier	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="5" style="text-align: center; font-weight: bold;">General</td><td colspan="5" style="text-align: center; font-weight: bold;">General</td></tr> <tr> <td><input type="checkbox"/></td><td>Bending</td><td><input type="checkbox"/></td><td>Bend</td><td><input type="checkbox"/></td><td>Folio/Program</td><td><input type="checkbox"/></td><td>Outside Dimensions</td><td><input type="checkbox"/></td><td>Pressure/Forced</td></tr> <tr> <td><input type="checkbox"/></td><td>Centre Not Concentric</td><td><input type="checkbox"/></td><td>BOM/Route</td><td><input type="checkbox"/></td><td>Grain</td><td><input type="checkbox"/></td><td>Over/Under tolerance</td><td><input type="checkbox"/></td><td>Set-up</td></tr> <tr> <td><input type="checkbox"/></td><td>Cracks</td><td><input type="checkbox"/></td><td>Broken/Damage/Defect</td><td><input type="checkbox"/></td><td>Hardware</td><td><input type="checkbox"/></td><td>Part Incorrect</td><td><input type="checkbox"/></td><td>Temperature/Cure</td></tr> <tr> <td><input type="checkbox"/></td><td>Crimp/Kink/Ripple/Wave</td><td><input type="checkbox"/></td><td>Burrs</td><td><input type="checkbox"/></td><td>Inspection Incomplete/Unqualified</td><td><input type="checkbox"/></td><td>Part Lost/Missing</td><td><input type="checkbox"/></td><td>Weld</td></tr> <tr> <td><input type="checkbox"/></td><td>Cuffs</td><td><input type="checkbox"/></td><td>Contamination</td><td><input type="checkbox"/></td><td>Instructions Incomplete/Unclear</td><td><input type="checkbox"/></td><td>Part Moved</td><td><input type="checkbox"/></td><td>Wrong Stock Pulled</td></tr> <tr> <td><input type="checkbox"/></td><td>Crushing</td><td><input type="checkbox"/></td><td>Countersink</td><td><input type="checkbox"/></td><td>Misaligned/off center</td><td><input type="checkbox"/></td><td>Positioned Wrong</td><td><input type="checkbox"/></td><td></td></tr> <tr> <td><input 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DART AEROSPACE LTD	Work Order:	114033
Description: Swing Arm	Part Number:	D3447-9
Inspection Dwg: D3447	Rev: A	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Measured by:	<u>J. A. DAS</u> <u>08</u> <u>9-09</u>	Audited by:	<u>S. A.</u>	Prototype Approval:	N/A
Date:	14/03/09	Date:	14-3-11	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.07.24	New Issue	KJ/DD	

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS							
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	Bending <input type="checkbox"/>	General <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>
	Centre Not Concentric <input type="checkbox"/>		Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>
	Cracks <input type="checkbox"/>		Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>
	Crimp/Kink/Ripple/Wave <input type="checkbox"/>		Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>
	Cuffs <input type="checkbox"/>		Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>
	Crushing <input type="checkbox"/>		Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	
	Heat Treat <input type="checkbox"/>		Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>
	Inspection Strip in Tube <input type="checkbox"/>		Misread <input type="checkbox"/>		
	Marks/Chatter <input type="checkbox"/>		Off-set <input type="checkbox"/>		
	Turning Sequence <input type="checkbox"/>		Out of Calibration <input type="checkbox"/>		
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